

BETA Protecting Miniature Circuit Breakers

5SY and 5SP miniature circuit breakers

Overview

MCBs are used to protect plants in buildings and for industrial applications. The devices can be used as main control switches for the disconnection or isolation of plants.

Used in industrial applications and plant engineering, miniature circuit breakers can be supplemented with additional components, such as auxiliary switches, fault signal contacts, shunt trips, undervoltage releases, remote controls and RC units.

The devices are approved for worldwide use according to IEC standards for systems up to 250/440 V AC. 60 V DC per pole is permitted in DC systems.

For North America, we also have additional certification to UL 1077 for use as "supplementary protectors" in systems up to 480Y/277 V AC. For use in ship building, the devices also have numerous certifications according to shipping classifications; BV, DNV, GL and LRS. Further information can be found on page 1/4.

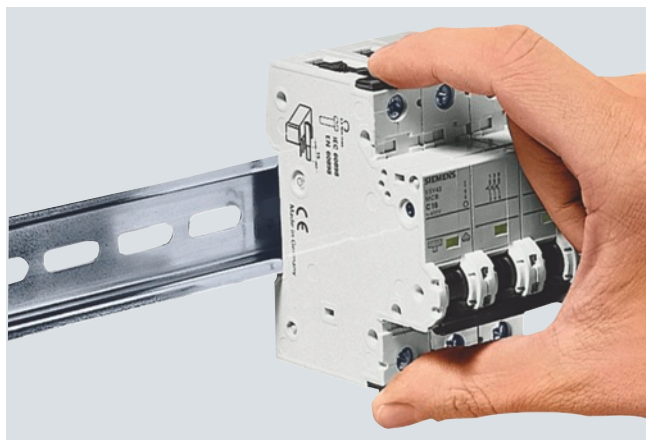
Benefits



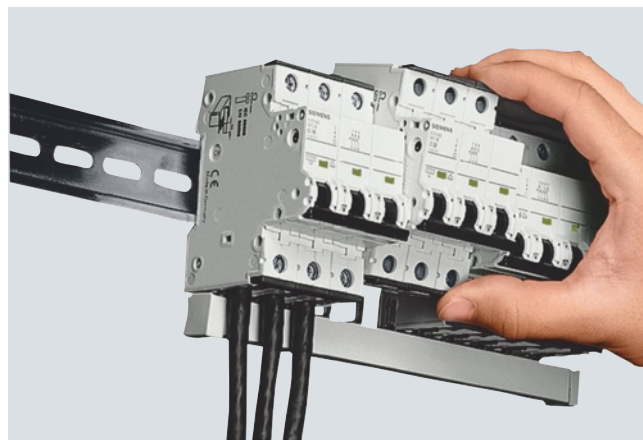
- Optional top or bottom infeed as the terminals are identical
- Clear and visible conductor connection in front of the busbar facilitates controls.
- Large and easily accessible wiring space enables easy insertion of conductor in the terminal.



- Integrated movable terminal covers located at the cable entries ensure the terminals are fully insulated when the screws are tightened.
- The effective touch protection when grasping the device considerably exceeds the requirements of VBG 4/BGV A3.



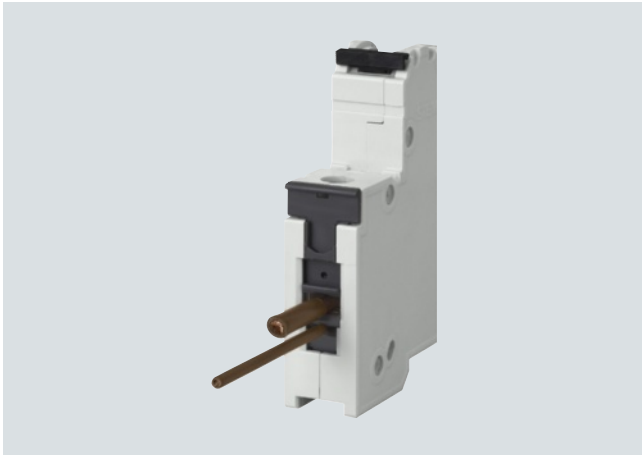
- Manual snap-on fixing and release systems that require no tools enable fast assembly and disassembly of MCBs.
- Marked labeling field on all modular installation devices for uniform, quick and easy identification.



- Quick and easy manual removal of MCBs from the busbar assembly if connections need to be changed.
- Time-saving replacement of parts as busbars no longer need to be freed from adjacent devices.

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5SY and 5SP miniature circuit breakers



- Double terminal chambers enable accommodation of 2 wires of different cross-sections (up to 16 mm² in the bottom chamber and 35 mm² in the top chamber).



- Adapted handle locking device for 5SY, 5SJ and 5SP miniature circuit breakers. Suitable for locks 3-6 mm in diameter.

5SY and 5SP miniature circuit breakers

Technical specifications

		5SY6	5SY4	5SY5	5SY7	5SY8	5SP4	5SP5
Standards		EN 60898; EN 60947-2		EN 60898-2; GB 14048.2	EN 60898; EN 60947-2	EN 60947-2	EN 60898; EN 60947-2	EN 60898-2
Approvals		See page 1/4						
Operational voltage	V AC	230/400	230/400	230/400	230/400	230/400	230/400	230/400
	V DC	--	--	220/440/880	--	--	--	220/440
	Min. V AC/DC	24	24	24	24	24	24	24
	Max. V DC/pole	60 ¹⁾	60 ¹⁾	250	60 ¹⁾	60 ¹⁾	60 ¹⁾	250
	Max. V AC	440	440	440	440	440	440	440
Acc. to EN 60898 and EN 60947-2	Max. V AC	440	440	440	440	440	440	440
	Max. V DC/pole	60	60	--	60	60	60	--
Acc. to UL 1077 and CSA C22.2 No.235	Max. V AC	480	480	--	480	480	480	--
	Max. V DC/pole	60	60	--	60	60	60	--
Rated switching capacity²⁾								
• I_{cn} acc. to IEC/EN 60898-1	kA AC	6	10	10	15	--	10	3
• I_{cn} acc. to IEC/EN 60898-2	kA DC	--	--	10	--	--	--	10
• I_{cu} acc. to IEC/EN 60947-2	kA AC	--	--	--	--	25	--	--
	kA DC	--	--	15	--	--	--	15
• Acc. to UL 1077 and CSA C22.2 No.235	kA AC	5	5	--	5	5	5	--
Insulation coordination								
• Rated insulation voltage	V AC	250/440		250	--	--	--	250
	V DC/pole	--	--	--	--	--	--	--
Degree of pollution for overvoltage category		3/III						
Touch protection	Acc. to EN 50274	Yes						
Handle end position, sealable		Yes						
Degree of protection	Acc. to EN 60529	IP20, with connected conductors						
CFC and silicone-free		Yes						
Mounting								
• Snap-on fixing system		Yes					--	
• Standard mounting rail and screw fixing		--					Yes	
Terminals								
• Tunnel terminals at both ends		--					Yes	
• Combined terminals at both ends		Yes					--	
• Terminal tightening torque	Nm lb. in	2.5 ... 3 22 ... 26					2.5 ... 3.5 22 ... 31	
Conductor cross-sections								
• Solid and stranded	mm ²	0.75 ... 35					0.75 ... 50	
• Finely stranded, with end sleeve	mm ²	0.75 ... 25					0.75 ... 35	
• AWG cables	AWG	14 ... 4					14 ... 2	
Mains connection								
• AC		Any						
• DC		Any		³⁾	Any		³⁾	
Mounting position		Any						
Service life		20 000						
On average, with rated load	Actuations	For 5SY5 at 40 A, 50 A and 63 A 10 000						
Ambient temperature		-25 ... +45, occasionally +55, max. 95 % humidity						
Storage temperature		-40 ... +75						
Resistance to climate	Acc. to IEC 60068-2-30	6 cycles						
Resistance to vibrations	Acc. to IEC 60068-2-6	60 at 10 Hz ... 150 Hz						

¹⁾ The operational voltage 60 V DC/pole takes into account a battery charging voltage with a peak value of 72 V.

²⁾ For further details, please refer to page 1/57.

³⁾ Ensure compliance with the specified polarity when connecting DC.

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5SY and 5SP miniature circuit breakers
6000 A, 5SY6

Selection and ordering data

6000 3	I_n	Mounting width	DT	Characteristic B		PU	PS*/ P. unit	PG	Weight per PU approx
	A	MW ¹⁾		Order No.	Price per PU	Unit(s)	Unit(s)		kg
	MCBs 6000 A								
	1P, 230/400 V AC								
	2	1	B	5SY6 102-6		1	1	002	0.165
	4		B	5SY6 104-6		1	1	002	0.165
	6		▶	5SY6 106-6		1	1/12	002	0.165
	10		▶	5SY6 110-6		1	1/12	002	0.165
	13		A	5SY6 113-6		1	1/12	002	0.165
	16		▶	5SY6 116-6		1	1/12	002	0.165
	20		A	5SY6 120-6		1	1/12	002	0.165
	25		A	5SY6 125-6		1	1/12	002	0.165
	32		A	5SY6 132-6		1	1/12	002	0.165
	40		B	5SY6 140-6		1	1	002	0.165
	50		B	5SY6 150-6		1	1	002	0.165
	63		B	5SY6 163-6		1	1	002	0.165
	1P+N, 230 V AC								
	6	2	A	5SY6 506-6		1	1	002	0.330
	10		A	5SY6 510-6		1	1	002	0.330
	13		A	5SY6 513-6		1	1/6	002	0.330
	16		A	5SY6 516-6		1	1/6	002	0.330
	20		B	5SY6 520-6		1	1	002	0.330
	25		B	5SY6 525-6		1	1	002	0.330
	32		B	5SY6 532-6		1	1	002	0.330
	40		C	5SY6 540-6		1	1	002	0.330
	50		C	5SY6 550-6		1	1	002	0.330
	63		C	5SY6 563-6		1	1	002	0.330
	2P, 400 V AC								
	6	2	A	5SY6 206-6		1	1/6	002	0.330
	10		A	5SY6 210-6		1	1/6	002	0.330
	13		B	5SY6 213-6		1	1	002	0.330
	16		A	5SY6 216-6		1	1/6	002	0.330
	20		B	5SY6 220-6		1	1	002	0.330
	25		B	5SY6 225-6		1	1	002	0.330
	32		A	5SY6 232-6		1	1	002	0.330
	40		B	5SY6 240-6		1	1	002	0.330
	50		C	5SY6 250-6		1	1	002	0.330
	63		C	5SY6 263-6		1	1	002	0.330
	3P, 400 V AC								
	6	3	A	5SY6 306-6		1	1	002	0.495
	10		A	5SY6 310-6		1	1/4	002	0.495
	13		B	5SY6 313-6		1	1	002	0.495
	16		▶	5SY6 316-6		1	1/4	002	0.495
	20		A	5SY6 320-6		1	1	002	0.495
	25		A	5SY6 325-6		1	1	002	0.495
	32		A	5SY6 332-6		1	1/4	002	0.495
	40		A	5SY6 340-6		1	1	002	0.495
	50		B	5SY6 350-6		1	1	002	0.495
	63		B	5SY6 363-6		1	1	002	0.495
	3P+N, 400 V AC								
	6	4	B	5SY6 606-6		1	1	002	0.660
	10		B	5SY6 610-6		1	1	002	0.660
	13		B	5SY6 613-6		1	1	002	0.660
	16		A	5SY6 616-6		1	1	002	0.660
	20		A	5SY6 620-6		1	1	002	0.660
	25		B	5SY6 625-6		1	1	002	0.660
	32		B	5SY6 632-6		1	1	002	0.660
	40		C	5SY6 640-6		1	1	002	0.660
	50		C	5SY6 650-6		1	1	002	0.660
	63		C	5SY6 663-6		1	1	002	0.660
	4P, 400 V AC								
	6	4	C	5SY6 406-6		1	1	002	0.660
	10		B	5SY6 410-6		1	1	002	0.660
	13		C	5SY6 413-6		1	1	002	0.660
	16		A	5SY6 416-6		1	1	002	0.660
	20		A	5SY6 420-6		1	1	002	0.660
	25		A	5SY6 425-6		1	1	002	0.660
	32		B	5SY6 432-6		1	1	002	0.660
	40		B	5SY6 440-6		1	1	002	0.660
	50		B	5SY6 450-6		1	1	002	0.660
	63		B	5SY6 463-6		1	1	002	0.660

¹⁾ 1 MW (modular width) = 18 mm.



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5SY and 5SP miniature circuit breakers
6000 A, 5SY6

6000 3	I_n	Moun- ting width MW ¹⁾	DT	Characteristic C			PG	DT	Characteristic D			PU	PS*/ P. unit	PG	Weight per PU approx kg
				Order No.	Price per PU				Order No.	Price per PU					
	A											Unit(s)	Unit(s)		
MCBs 6000 A															
	1P, 230/400 V AC														
	0.3	1	A	5SY6 114-7			003	C	5SY6 114-8			1	1	004	0.165
	0.5		A	5SY6 105-7			003	A	5SY6 105-8			1	1	004	0.165
	1		▶	5SY6 101-7			003	A	5SY6 101-8			1	1	004	0.165
	1.6		A	5SY6 115-7			003	C	5SY6 115-8			1	1	004	0.147
	2		▶	5SY6 102-7			003	A	5SY6 102-8			1	1/12	004	0.165
	3		A	5SY6 103-7			003	A	5SY6 103-8			1	1	004	0.165
	4		▶	5SY6 104-7			003	A	5SY6 104-8			1	1	004	0.165
	6		▶	5SY6 106-7			003	A	5SY6 106-8			1	1/12	004	0.165
	8		A	5SY6 108-7			003	A	5SY6 108-8			1	1	004	0.165
	10		▶	5SY6 110-7			003	A	5SY6 110-8			1	1	004	0.165
	13		A	5SY6 113-7			003	A	5SY6 113-8			1	1	004	0.165
	16		▶	5SY6 116-7			003	A	5SY6 116-8			1	1	004	0.165
	20		▶	5SY6 120-7			003	A	5SY6 120-8			1	1	004	0.165
	25		▶	5SY6 125-7			003	A	5SY6 125-8			1	1	004	0.165
	32		▶	5SY6 132-7			003	B	5SY6 132-8			1	1	004	0.165
	40		A	5SY6 140-7			003	B	5SY6 140-8			1	1	004	0.165
	50		A	5SY6 150-7			003	B	5SY6 150-8			1	1	004	0.165
	63		A	5SY6 163-7			003	B	5SY6 163-8			1	1	004	0.165
	1P+N, 230 V AC														
	0.3	2	B	5SY6 514-7			003	C	5SY6 514-8			1	1	004	0.330
	0.5		A	5SY6 505-7			003	B	5SY6 505-8			1	1	004	0.330
	1		A	5SY6 501-7			003	C	5SY6 501-8			1	1	004	0.330
	1.6		B	5SY6 515-7			003	B	5SY6 515-8			1	1	004	0.330
	2		A	5SY6 502-7			003	B	5SY6 502-8			1	1	004	0.330
	3		A	5SY6 503-7			003	B	5SY6 503-8			1	1	004	0.330
	4		A	5SY6 504-7			003	B	5SY6 504-8			1	1	004	0.330
	6		A	5SY6 506-7			003	A	5SY6 506-8			1	1	004	0.330
	8		B	5SY6 508-7			003	B	5SY6 508-8			1	1	004	0.330
	10		A	5SY6 510-7			003	B	5SY6 510-8			1	1	004	0.330
	13		A	5SY6 513-7			003	C	5SY6 513-8			1	1	004	0.330
	16		▶	5SY6 516-7			003	A	5SY6 516-8			1	1	004	0.330
	20		A	5SY6 520-7			003	C	5SY6 520-8			1	1	004	0.330
	25		A	5SY6 525-7			003	C	5SY6 525-8			1	1	004	0.330
	32		A	5SY6 532-7			003	C	5SY6 532-8			1	1	004	0.330
	40		B	5SY6 540-7			003	C	5SY6 540-8			1	1	004	0.330
	50		B	5SY6 550-7			003	C	5SY6 550-8			1	1	004	0.330
	63		B	5SY6 563-7			003	C	5SY6 563-8			1	1	004	0.330
	2P, 400 V AC														
	0.3	2	B	5SY6 214-7			003	B	5SY6 214-8			1	1	004	0.330
	0.5		A	5SY6 205-7			003	A	5SY6 205-8			1	1	004	0.330
	1		A	5SY6 201-7			003	A	5SY6 201-8			1	1	004	0.330
	1.6		A	5SY6 215-7			003	A	5SY6 215-8			1	1	004	0.330
	2		▶	5SY6 202-7			003	A	5SY6 202-8			1	1/6	004	0.330
	3		A	5SY6 203-7			003	A	5SY6 203-8			1	1	004	0.330
	4		▶	5SY6 204-7			003	A	5SY6 204-8			1	1/6	004	0.330
	6		▶	5SY6 206-7			003	A	5SY6 206-8			1	1/6	004	0.330
	8		A	5SY6 208-7			003	A	5SY6 208-8			1	1	004	0.330
	10		▶	5SY6 210-7			003	A	5SY6 210-8			1	1/6	004	0.330
	13		A	5SY6 213-7			003	B	5SY6 213-8			1	1	004	0.330
	16		▶	5SY6 216-7			003	A	5SY6 216-8			1	1	004	0.330
	20		▶	5SY6 220-7			003	A	5SY6 220-8			1	1	004	0.330
	25		A	5SY6 225-7			003	A	5SY6 225-8			1	1	004	0.330
	32		A	5SY6 232-7			003	A	5SY6 232-8			1	1	004	0.330
	40		A	5SY6 240-7			003	B	5SY6 240-8			1	1	004	0.330
	50		A	5SY6 250-7			003	B	5SY6 250-8			1	1	004	0.330
	63		A	5SY6 263-7			003	B	5SY6 263-8			1	1	004	0.330

¹⁾ 1 MW (modular width) = 18 mm.



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5SY and 5SP miniature circuit breakers
6000 A, 5SY6

6000 3	I_n	Moun- ting width MW ¹⁾	DT	Characteristic C			PG	DT	Characteristic D			PU	PS*/ P. unit	PG	Weight per PU approx kg
				Order No.	Price per PU				Order No.	Price per PU					
	A											Unit(s)	Unit(s)		
MCBs 6000 A															
3P, 400 V AC															
	0.3	3	C	5SY6 314-7			003	C	5SY6 314-8			1	1	004	0.495
	0.5		A	5SY6 305-7			003	C	5SY6 305-8			1	1	004	0.495
	1		A	5SY6 301-7			003	A	5SY6 301-8			1	1	004	0.495
	1.6		B	5SY6 315-7			003	C	5SY6 315-8			1	1	004	0.495
	2		A	5SY6 302-7			003	A	5SY6 302-8			1	1	004	0.495
	3		A	5SY6 303-7			003	A	5SY6 303-8			1	1	004	0.495
	4		A	5SY6 304-7			003	A	5SY6 304-8			1	1	004	0.495
	6		▶	5SY6 306-7			003	A	5SY6 306-8			1	1	004	0.495
	8		A	5SY6 308-7			003	B	5SY6 308-8			1	1	004	0.495
	10		▶	5SY6 310-7			003	A	5SY6 310-8			1	1	004	0.495
	13		A	5SY6 313-7			003	B	5SY6 313-8			1	1	004	0.495
	16		▶	5SY6 316-7			003	A	5SY6 316-8			1	1	004	0.495
	20		▶	5SY6 320-7			003	A	5SY6 320-8			1	1	004	0.495
	25		▶	5SY6 325-7			003	A	5SY6 325-8			1	1	004	0.495
	32		▶	5SY6 332-7			003	A	5SY6 332-8			1	1	004	0.495
	40		A	5SY6 340-7			003	A	5SY6 340-8			1	1	004	0.495
	50		A	5SY6 350-7			003	A	5SY6 350-8			1	1	004	0.495
	63		A	5SY6 363-7			003	A	5SY6 363-8			1	1	004	0.495
3P+N, 400 V AC															
	0.3	4	C	5SY6 614-7			003	C	5SY6 614-8			1	1	004	0.660
	0.5		C	5SY6 605-7			003	C	5SY6 605-8			1	1	004	0.660
	1		C	5SY6 601-7			003	C	5SY6 601-8			1	1	004	0.660
	1.6		C	5SY6 615-7			003	C	5SY6 615-8			1	1	004	0.660
	2		A	5SY6 602-7			003	C	5SY6 602-8			1	1	004	0.660
	3		C	5SY6 603-7			003	C	5SY6 603-8			1	1	004	0.660
	4		B	5SY6 604-7			003	C	5SY6 604-8			1	1	004	0.660
	6		A	5SY6 606-7			003	A	5SY6 606-8			1	1	004	0.660
	8		C	5SY6 608-7			003	C	5SY6 608-8			1	1	004	0.660
	10		A	5SY6 610-7			003	B	5SY6 610-8			1	1	004	0.660
	13		B	5SY6 613-7			003	C	5SY6 613-8			1	1	004	0.660
	16		▶	5SY6 616-7			003	B	5SY6 616-8			1	1	004	0.660
	20		A	5SY6 620-7			003	B	5SY6 620-8			1	1	004	0.660
	25		A	5SY6 625-7			003	B	5SY6 625-8			1	1	004	0.660
	32		A	5SY6 632-7			003	B	5SY6 632-8			1	1	004	0.660
	40		A	5SY6 640-7			003	B	5SY6 640-8			1	1	004	0.660
	50		A	5SY6 650-7			003	B	5SY6 650-8			1	1	004	0.660
	63		A	5SY6 663-7			003	B	5SY6 663-8			1	1	004	0.660
4P, 400 V AC															
	0.3	4	C	5SY6 414-7			003	C	5SY6 414-8			1	1	004	0.660
	0.5		C	5SY6 405-7			003	C	5SY6 405-8			1	1	004	0.660
	1		B	5SY6 401-7			003	C	5SY6 401-8			1	1	004	0.660
	1.6		C	5SY6 415-7			003	C	5SY6 415-8			1	1	004	0.660
	2		A	5SY6 402-7			003	C	5SY6 402-8			1	1	004	0.660
	3		B	5SY6 403-7			003	C	5SY6 403-8			1	1	004	0.660
	4		B	5SY6 404-7			003	C	5SY6 404-8			1	1	004	0.660
	6		A	5SY6 406-7			003	B	5SY6 406-8			1	1	004	0.660
	8		B	5SY6 408-7			003	C	5SY6 408-8			1	1	004	0.660
	10		A	5SY6 410-7			003	A	5SY6 410-8			1	1	004	0.660
	13		A	5SY6 413-7			003	C	5SY6 413-8			1	1	004	0.660
	16		▶	5SY6 416-7			003	A	5SY6 416-8			1	1	004	0.660
	20		A	5SY6 420-7			003	A	5SY6 420-8			1	1	004	0.660
	25		▶	5SY6 425-7			003	A	5SY6 425-8			1	1	004	0.660
	32		▶	5SY6 432-7			003	A	5SY6 432-8			1	1	004	0.660
	40		▶	5SY6 440-7			003	A	5SY6 440-8			1	1	004	0.660
	50		A	5SY6 450-7			003	A	5SY6 450-8			1	1	004	0.660
	63		A	5SY6 463-7			003	▶	5SY6 463-8			1	1	004	0.660

¹⁾ 1 MW (modular width) = 18 mm.



BETA Protecting Miniature Circuit Breakers

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5SY and 5SP miniature circuit breakers
10 000 A, 5SY4

10 000		I_n	Moun- ting width MW ¹⁾	DT	Characteristic A			PG	DT	Characteristic B			PU	PS*/ P. unit	PG	Weight per PU approx kg
					Order No.	Price per PU	Order No.			Price per PU	Unit(s)	Unit(s)				
MCBs 10 000 A																
	1P, 230/400 V AC															
	0.5	1	C	5SY4 105-5			001	--			1	1				0.165
	1		A	5SY4 101-5			001	--			1	1				0.165
	1.6		B	5SY4 115-5			001	--			1	1				0.165
	2		A	5SY4 102-5			001	--			1	1				0.165
	3		A	5SY4 103-5			001	--			1	1				0.165
	4		A	5SY4 104-5			001	--			1	1/12				0.165
	6		A	5SY4 106-5			001	A	5SY4 106-6		1	1/12	002			0.165
	8		B	5SY4 108-5			001	--			1	1				0.165
	10		A	5SY4 110-5			001	►	5SY4 110-6		1	1/12	002			0.165
	13		C	5SY4 113-5			001	A	5SY4 113-6		1	1	002			0.165
	16		A	5SY4 116-5			001	►	5SY4 116-6		1	1/12	002			0.165
	20		A	5SY4 120-5			001	A	5SY4 120-6		1	1	002			0.165
	25		A	5SY4 125-5			001	►	5SY4 125-6		1	1	002			0.165
	32		B	5SY4 132-5			001	A	5SY4 132-6		1	1	002			0.165
	40		B	5SY4 140-5			001	B	5SY4 140-6		1	1	002			0.165
	50		C	5SY4 150-5			001	B	5SY4 150-6		1	1	002			0.165
	63		C	5SY4 163-5			001	B	5SY4 163-6		1	1	002			0.165
80		--					C	5SY4 180-6		1	1	002			0.162	
	1P+N, 230 V AC															
	1	2	C	5SY4 501-5			001	--			1	1				0.330
	1.6		B	5SY4 515-5			001	--			1	1				0.330
	2		B	5SY4 502-5			001	--			1	1				0.330
	3		C	5SY4 503-5			001	--			1	1				0.330
	4		B	5SY4 504-5			001	--			1	1				0.330
	6		C	5SY4 506-5			001	A	5SY4 506-6		1	1	002			0.330
	8		C	5SY4 508-5			001	--			1	1				0.330
	10		B	5SY4 510-5			001	A	5SY4 510-6		1	1	002			0.330
	13		C	5SY4 513-5			001	A	5SY4 513-6		1	1/6	002			0.330
	16		C	5SY4 516-5			001	A	5SY4 516-6		1	1/6	002			0.330
	20		C	5SY4 520-5			001	B	5SY4 520-6		1	1	002			0.330
	25		C	5SY4 525-5			001	B	5SY4 525-6		1	1	002			0.330
	32		C	5SY4 532-5			001	B	5SY4 532-6		1	1	002			0.330
	40		C	5SY4 540-5			001	C	5SY4 540-6		1	1	002			0.330
	50		C	5SY4 550-5			001	C	5SY4 550-6		1	1	002			0.330
	63		C	5SY4 563-5			001	C	5SY4 563-6		1	1	002			0.330
		2P, 400 V AC														
0.5		2	C	5SY4 205-5			001	--			1	1				0.330
1			B	5SY4 201-5			001	--			1	1				0.330
1.6			B	5SY4 215-5			001	--			1	1				0.330
2			A	5SY4 202-5			001	--			1	1				0.330
3			B	5SY4 203-5			001	--			1	1				0.330
4			A	5SY4 204-5			001	--			1	1				0.330
6			A	5SY4 206-5			001	A	5SY4 206-6		1	1	002			0.330
8			C	5SY4 208-5			001	--			1	1				0.330
10			A	5SY4 210-5			001	A	5SY4 210-6		1	1/6	002			0.330
13			C	5SY4 213-5			001	B	5SY4 213-6		1	1	002			0.330
16			A	5SY4 216-5			001	►	5SY4 216-6		1	1/6	002			0.330
20			B	5SY4 220-5			001	A	5SY4 220-6		1	1	002			0.330
25			B	5SY4 225-5			001	A	5SY4 225-6		1	1	002			0.330
32			A	5SY4 232-5			001	B	5SY4 232-6		1	1	002			0.330
40			B	5SY4 240-5			001	B	5SY4 240-6		1	1	002			0.330
50			C	5SY4 250-5			001	B	5SY4 250-6		1	1	002			0.330
63			C	5SY4 263-5			001	B	5SY4 263-6		1	1	002			0.330
80		--					C	5SY4 280-6		1	1	002			0.324	

¹⁾ 1 MW (modular width) = 18 mm.



BETA Protecting

Miniature Circuit Breakers

5SY and 5SP miniature circuit breakers
10 000 A, 5SY4

10 000 3	I_n	Moun- ting width	DT	Characteristic A		PG	DT	Characteristic B		Price per PU	PU	PS*/ P. unit	PG	Weight per PU approx
	A	MW ¹⁾		Order No.	Price per PU			Order No.	Price per PU		Unit(s)	Unit(s)		kg
	MCBs 10 000 A													
	3P, 400 V AC													
	0.5	3	C	5SY4 305-5		001	--				1	1		0.495
	1		C	5SY4 301-5		001	--				1	1		0.495
	1.6		C	5SY4 315-5		001	--				1	1		0.495
	2		B	5SY4 302-5		001	--				1	1		0.495
	3		C	5SY4 303-5		001	--				1	1		0.495
	4		B	5SY4 304-5		001	--				1	1		0.495
	6		B	5SY4 306-5		001	A	5SY4 306-6			1	1	002	0.495
	8		C	5SY4 308-5		001	--				1	1		0.495
	10		B	5SY4 310-5		001	►	5SY4 310-6			1	1	002	0.495
	13		C	5SY4 313-5		001	B	5SY4 313-6			1	1	002	0.495
	16		A	5SY4 316-5		001	►	5SY4 316-6			1	1/4	002	0.495
	20		B	5SY4 320-5		001	A	5SY4 320-6			1	1	002	0.495
	25		B	5SY4 325-5		001	A	5SY4 325-6			1	1	002	0.495
	32		B	5SY4 332-5		001	►	5SY4 332-6			1	1/4	002	0.495
	40		B	5SY4 340-5		001	A	5SY4 340-6			1	1	002	0.495
	50		B	5SY4 350-5		001	A	5SY4 350-6			1	1	002	0.495
63		C	5SY4 363-5		001	A	5SY4 363-6			1	1	002	0.495	
80		--	--			B	5SY4 380-6			1	1	002	0.486	
	3P+N, 400 V AC													
	1	4	C	5SY4 601-5		001	--				1	1		0.660
	1.6		C	5SY4 615-5		001	--				1	1		0.660
	2		C	5SY4 602-5		001	--				1	1		0.660
	3		C	5SY4 603-5		001	--				1	1		0.660
	4		C	5SY4 604-5		001	--				1	1		0.660
	6		C	5SY4 606-5		001	B	5SY4 606-6			1	1	002	0.660
	8		C	5SY4 608-5		001	--				1	1		0.660
	10		C	5SY4 610-5		001	B	5SY4 610-6			1	1	002	0.660
	13		C	5SY4 613-5		001	C	5SY4 613-6			1	1	002	0.660
	16		C	5SY4 616-5		001	A	5SY4 616-6			1	1	002	0.660
	20		C	5SY4 620-5		001	B	5SY4 620-6			1	1	002	0.660
	25		C	5SY4 625-5		001	A	5SY4 625-6			1	1	002	0.660
	32		C	5SY4 632-5		001	B	5SY4 632-6			1	1	002	0.660
	40		C	5SY4 640-5		001	C	5SY4 640-6			1	1	002	0.660
	50		C	5SY4 650-5		001	C	5SY4 650-6			1	1	002	0.660
	63		C	5SY4 663-5		001	A	5SY4 663-6			1	1	002	0.660
		4P, 400 V AC												
1		4	C	5SY4 401-5		001	--				1	1		0.660
1.6			C	5SY4 415-5		001	--				1	1		0.660
2			C	5SY4 402-5		001	--				1	1		0.660
3			C	5SY4 403-5		001	--				1	1		0.660
4			C	5SY4 404-5		001	--				1	1		0.660
6			C	5SY4 406-5		001	A	5SY4 406-6			1	1	002	0.660
8			C	5SY4 408-5		001	--				1	1		0.660
10			C	5SY4 410-5		001	B	5SY4 410-6			1	1	002	0.660
13			C	5SY4 413-5		001	C	5SY4 413-6			1	1	002	0.660
16			C	5SY4 416-5		001	A	5SY4 416-6			1	1	002	0.660
20			C	5SY4 420-5		001	C	5SY4 420-6			1	1	002	0.660
25			C	5SY4 425-5		001	B	5SY4 425-6			1	1	002	0.660
32			C	5SY4 432-5		001	B	5SY4 432-6			1	1	002	0.660
40			C	5SY4 440-5		001	B	5SY4 440-6			1	1	002	0.660
50			C	5SY4 450-5		001	B	5SY4 450-6			1	1	002	0.660
63			C	5SY4 463-5		001	B	5SY4 463-6			1	1	002	0.660
80			--	--			B	5SY4 480-6			1	1	002	0.648

¹⁾ 1 MW (modular width) = 18 mm.

* You can order this quantity or a multiple thereof.



BETA Protecting Miniature Circuit Breakers

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5SY and 5SP miniature circuit breakers
10 000 A, 5SY4

10 000 3	I_n	Mount. width MW ¹⁾	DT	Characteristic C Order No.	Price per PU	PG	DT	Characteristic D Order No.	Price per PU	PU	PS*/ P. unit	PG	Weight per PU approx kg
	A									Unit(s)	Unit(s)		
	MCBs 10 000 A												
	1P, 230/400 V AC												
	0.3	1	B	5SY4 114-7		003	C	5SY4 114-8		1	1	004	0.165
	0.5		A	5SY4 105-7		003	B	5SY4 105-8		1	1	004	0.165
	1		▶	5SY4 101-7		003	A	5SY4 101-8		1	1	004	0.165
	1.6		A	5SY4 115-7		003	B	5SY4 115-8		1	1	004	0.165
	2		▶	5SY4 102-7		003	A	5SY4 102-8		1	1/12	004	0.165
	3		A	5SY4 103-7		003	A	5SY4 103-8		1	1	004	0.165
	4		▶	5SY4 104-7		003	A	5SY4 104-8		1	1/12	004	0.165
	5		C	5SY4 111-7		003		--		1	1		0.165
	6		▶	5SY4 106-7		003	A	5SY4 106-8		1	1	004	0.165
	8		A	5SY4 108-7		003	A	5SY4 108-8		1	1	004	0.165
	10		▶	5SY4 110-7		003	A	5SY4 110-8		1	1/12	004	0.165
	13		A	5SY4 113-7		003	B	5SY4 113-8		1	1	004	0.165
	15		C	5SY4 118-7		003		--		1	1		0.165
	16		▶	5SY4 116-7		003	A	5SY4 116-8		1	1	004	0.165
	20		▶	5SY4 120-7		003	A	5SY4 120-8		1	1	004	0.165
	25		▶	5SY4 125-7		003	B	5SY4 125-8		1	1	004	0.165
	30		B	5SY4 130-7		003		--		1	1		0.165
	32		▶	5SY4 132-7		003	B	5SY4 132-8		1	1	004	0.165
	35		B	5SY4 135-7		003		--		1	1		0.165
	40		A	5SY4 140-7		003	B	5SY4 140-8		1	1	004	0.165
	45		B	5SY4 145-7		003		--		1	1		0.165
	50		A	5SY4 150-7		003	B	5SY4 150-8		1	1	004	0.165
	60		B	5SY4 160-7		003		--		1	1		0.165
	63		B	5SY4 163-7		003	B	5SY4 163-8		1	1	004	0.165
	80		B	5SY4 180-7		003		--		1	1		0.161
	1P+N, 230 V AC												
	0.3	2	C	5SY4 514-7		003	C	5SY4 514-8		1	1	004	0.330
	0.5		B	5SY4 505-7		003	C	5SY4 505-8		1	1	004	0.330
	1		A	5SY4 501-7		003	B	5SY4 501-8		1	1	004	0.330
	1.6		C	5SY4 515-7		003	C	5SY4 515-8		1	1	004	0.330
	2		A	5SY4 502-7		003	A	5SY4 502-8		1	1	004	0.330
	3		A	5SY4 503-7		003	B	5SY4 503-8		1	1	004	0.330
	4		A	5SY4 504-7		003	B	5SY4 504-8		1	1	004	0.330
	6		A	5SY4 506-7		003	A	5SY4 506-8		1	1	004	0.330
	8		B	5SY4 508-7		003	C	5SY4 508-8		1	1	004	0.330
	10		A	5SY4 510-7		003	A	5SY4 510-8		1	1	004	0.330
	13		A	5SY4 513-7		003	B	5SY4 513-8		1	1	004	0.330
	16		A	5SY4 516-7		003	A	5SY4 516-8		1	1	004	0.330
	20		A	5SY4 520-7		003	B	5SY4 520-8		1	1	004	0.330
	25		A	5SY4 525-7		003	B	5SY4 525-8		1	1	004	0.330
	32		A	5SY4 532-7		003	B	5SY4 532-8		1	1	004	0.330
	40		B	5SY4 540-7		003	C	5SY4 540-8		1	1	004	0.330
	50		C	5SY4 550-7		003	C	5SY4 550-8		1	1	004	0.330
	63		C	5SY4 563-7		003	C	5SY4 563-8		1	1	004	0.330
	80		B	5SY4 580-7		003		--		1	1		0.323
	2P, 400 V AC												
	0.3	2	A	5SY4 214-7		003	B	5SY4 214-8		1	1	004	0.330
	0.5		A	5SY4 205-7		003	A	5SY4 205-8		1	1	004	0.330
	1		A	5SY4 201-7		003	A	5SY4 201-8		1	1	004	0.330
	1.6		A	5SY4 215-7		003	A	5SY4 215-8		1	1	004	0.330
	2		A	5SY4 202-7		003	A	5SY4 202-8		1	1	004	0.330
	3		A	5SY4 203-7		003	A	5SY4 203-8		1	1	004	0.330
	4		A	5SY4 204-7		003	A	5SY4 204-8		1	1	004	0.330
	5		C	5SY4 211-7		003		--		1	1		0.330
	6		A	5SY4 206-7		003	A	5SY4 206-8		1	1	004	0.330
	8		A	5SY4 208-7		003	A	5SY4 208-8		1	1	004	0.330
	10		▶	5SY4 210-7		003	A	5SY4 210-8		1	1	004	0.330
	13		A	5SY4 213-7		003	A	5SY4 213-8		1	1	004	0.330
	15		C	5SY4 218-7		003		--		1	1		0.330
	16		▶	5SY4 216-7		003	A	5SY4 216-8		1	1	004	0.330
	20		A	5SY4 220-7		003	A	5SY4 220-8		1	1	004	0.330
	25		A	5SY4 225-7		003	A	5SY4 225-8		1	1	004	0.330
	30		C	5SY4 230-7		003		--		1	1		0.330
	32		A	5SY4 232-7		003	A	5SY4 232-8		1	1	004	0.330
	35		B	5SY4 235-7		003		--		1	1		0.330
	40		A	5SY4 240-7		003	A	5SY4 240-8		1	1	004	0.330
	45		B	5SY4 245-7		003		--		1	1		0.330
	50		A	5SY4 250-7		003	B	5SY4 250-8		1	1	004	0.330
	60		B	5SY4 260-7		003		--		1	1		0.330
	63		A	5SY4 263-7		003	B	5SY4 263-8		1	1	004	0.330
	80		B	5SY4 280-7		003		--		1	1/6		0.323

* You can order this quantity or a multiple thereof.



BETA Protecting Miniature Circuit Breakers

5SY and 5SP miniature circuit breakers
10 000 A, 5SY4

10 000 3	I_n	Moun- ting width	DT	Characteristic C		PG	DT	Characteristic D		Price per PU	PU	PS*/ P. unit	PG	Weight per PU approx
	A	MW ¹⁾		Order No.	Price per PU			Order No.	Price per PU		Unit(s)	Unit(s)		kg
	MCBs 10 000 A													
	3P, 400 V AC													
	0.3	3	C	5SY4 314-7		003	C	5SY4 314-8		1	1	004	0.495	
	0.5		B	5SY4 305-7		003	B	5SY4 305-8		1	1	004	0.495	
	1		A	5SY4 301-7		003	A	5SY4 301-8		1	1	004	0.495	
	1.6		C	5SY4 315-7		003	B	5SY4 315-8		1	1	004	0.495	
	2		A	5SY4 302-7		003	A	5SY4 302-8		1	1	004	0.495	
	3		A	5SY4 303-7		003	A	5SY4 303-8		1	1	004	0.495	
	4		A	5SY4 304-7		003	A	5SY4 304-8		1	1	004	0.495	
	5		C	5SY4 311-7		003		--		1	1		0.495	
	6		►	5SY4 306-7		003	A	5SY4 306-8		1	1	004	0.495	
	8		A	5SY4 308-7		003	B	5SY4 308-8		1	1	004	0.495	
	10		►	5SY4 310-7		003	A	5SY4 310-8		1	1	004	0.495	
	13		A	5SY4 313-7		003	B	5SY4 313-8		1	1	004	0.495	
	15		C	5SY4 318-7		003		--		1	1		0.495	
	16		►	5SY4 316-7		003	A	5SY4 316-8		1	1/4	004	0.495	
	20		►	5SY4 320-7		003	A	5SY4 320-8		1	1	004	0.495	
	25		►	5SY4 325-7		003	A	5SY4 325-8		1	1	004	0.495	
	30		C	5SY4 330-7		003		--		1	1		0.495	
	32		►	5SY4 332-7		003	A	5SY4 332-8		1	1	004	0.495	
	35		C	5SY4 335-7		003		--		1	1		0.495	
	40		A	5SY4 340-7		003	A	5SY4 340-8		1	1	004	0.495	
	45		B	5SY4 345-7		003		--		1	1		0.495	
	50		A	5SY4 350-7		003	A	5SY4 350-8		1	1	004	0.495	
	60		C	5SY4 360-7		003		--		1	1		0.495	
63		A	5SY4 363-7		003	A	5SY4 363-8		1	1	004	0.495		
80		B	5SY4 380-7		003		--		1	1		0.482		
	3P+N, 400 V AC													
	0.3	4	C	5SY4 614-7		003	C	5SY4 614-8		1	1	004	0.660	
	0.5		C	5SY4 605-7		003	C	5SY4 605-8		1	1	004	0.660	
	1		C	5SY4 601-7		003	C	5SY4 601-8		1	1	004	0.660	
	1.6		C	5SY4 615-7		003	C	5SY4 615-8		1	1	004	0.660	
	2		B	5SY4 602-7		003	C	5SY4 602-8		1	1	004	0.660	
	3		B	5SY4 603-7		003	C	5SY4 603-8		1	1	004	0.660	
	4		C	5SY4 604-7		003	C	5SY4 604-8		1	1	004	0.660	
	6		B	5SY4 606-7		003	C	5SY4 606-8		1	1	004	0.660	
	8		C	5SY4 608-7		003	C	5SY4 608-8		1	1	004	0.660	
	10		A	5SY4 610-7		003	B	5SY4 610-8		1	1	004	0.660	
	13		B	5SY4 613-7		003	C	5SY4 613-8		1	1	004	0.660	
	16		A	5SY4 616-7		003	A	5SY4 616-8		1	1	004	0.660	
	20		A	5SY4 620-7		003	B	5SY4 620-8		1	1	004	0.660	
	25		A	5SY4 625-7		003	A	5SY4 625-8		1	1	004	0.660	
	32		A	5SY4 632-7		003	A	5SY4 632-8		1	1	004	0.660	
	40		A	5SY4 640-7		003	A	5SY4 640-8		1	1	004	0.660	
	50		B	5SY4 650-7		003	A	5SY4 650-8		1	1	004	0.660	
	63		A	5SY4 663-7		003	B	5SY4 663-8		1	1	004	0.660	
80		B	5SY4 680-7		003		--		1	1		0.647		
	4P, 400 V AC													
	0.3	4	C	5SY4 414-7		003	C	5SY4 414-8		1	1	004	0.660	
	0.5		C	5SY4 405-7		003	C	5SY4 405-8		1	1	004	0.660	
	1		C	5SY4 401-7		003	C	5SY4 401-8		1	1	004	0.660	
	1.6		C	5SY4 415-7		003	C	5SY4 415-8		1	1	004	0.660	
	2		B	5SY4 402-7		003	C	5SY4 402-8		1	1	004	0.660	
	3		C	5SY4 403-7		003	C	5SY4 403-8		1	1	004	0.660	
	4		B	5SY4 404-7		003	C	5SY4 404-8		1	1	004	0.660	
	6		A	5SY4 406-7		003	B	5SY4 406-8		1	1	004	0.660	
	8		C	5SY4 408-7		003	C	5SY4 408-8		1	1	004	0.660	
	10		A	5SY4 410-7		003	A	5SY4 410-8		1	1	004	0.660	
	13		C	5SY4 413-7		003	C	5SY4 413-8		1	1	004	0.660	
	16		A	5SY4 416-7		003	►	5SY4 416-8		1	1	004	0.660	
	20		A	5SY4 420-7		003	A	5SY4 420-8		1	1	004	0.660	
	25		A	5SY4 425-7		003	A	5SY4 425-8		1	1	004	0.660	
	32		A	5SY4 432-7		003	►	5SY4 432-8		1	1	004	0.660	
	40		A	5SY4 440-7		003	A	5SY4 440-8		1	1	004	0.660	
	50		A	5SY4 450-7		003	A	5SY4 450-8		1	1	004	0.660	
	63		A	5SY4 463-7		003	A	5SY4 463-8		1	1	004	0.660	
80		B	5SY4 480-7		003		--		1	1		0.647		

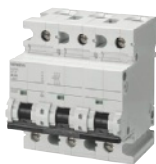
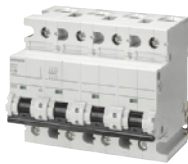
¹⁾ 1 MW (modular width) = 18 mm.

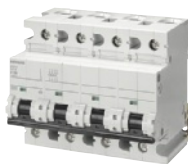


BETA Protecting Miniature Circuit Breakers

1

5SY and 5SP miniature circuit breakers
10 000 A, high current, 5SP4

10 000		I_n	Mounting width	DT	Characteristic B	Order No.	Price per PU	PU	PS*/ P. unit	PG	Weight per PU approx			
		A	MW ¹⁾					Unit(s)	Unit(s)		kg			
	MCBs 10 000 A, high current													
	1P, 230/400 V AC													
	80	1.5	B	5SP4 180-6	1							1	002	0.258
	100		C	5SP4 191-6	1							1	002	0.258
		125		B	5SP4 192-6	1	1	002	0.258					
	2P, 400 V AC													
	80	3	C	5SP4 280-6	1							1	002	0.516
	100		C	5SP4 291-6	1							1	002	0.516
	125		C	5SP4 292-6	1							1	002	0.516
	3P, 400 V AC													
	80	4.5	B	5SP4 380-6	1							1	002	0.762
	100		B	5SP4 391-6	1							1	002	0.762
	125		C	5SP4 392-6	1							1	002	0.762
	4P, 400 V AC													
	80	6	B	5SP4 480-6	1							1	002	1.032
	100		C	5SP4 491-6	1							1	002	1.032
	125		C	5SP4 492-6	1							1	002	1.032

10 000		I_n	Mounting width MW ¹⁾	DT	Characteristic C		Price per PU	PG	DT	Characteristic D		Price per PU	PU	PS*/ P. unit	PG	Weight per PU approx kg
		A			Order No.					Order No.			Unit(s)	Unit(s)		
	MCBs 10 000 A, high current															
	1P, 230/400 V AC															
	80	1.5	A	5SP4 180-7		003	B	5SP4 180-8		1	1	004	0.258			
	100		A	5SP4 191-7		003	C	5SP4 191-8		1	1	004	0.258			
	125		A	5SP4 192-7		003		--		1	1		0.258			
	2P, 400 V AC															
	80	3	A	5SP4 280-7		003	C	5SP4 280-8		1	1	004	0.516			
	100		A	5SP4 291-7		003	C	5SP4 291-8		1	1	004	0.516			
	125		A	5SP4 292-7		003		--		1	1		0.516			
	3P, 400 V AC															
	80	4.5	▶	5SP4 380-7		003	A	5SP4 380-8		1	1	004	0.762			
	100		▶	5SP4 391-7		003	A	5SP4 391-8		1	1	004	0.762			
	125		A	5SP4 392-7		003		--		1	1		0.762			
	4P, 400 V AC															
	80	6	A	5SP4 480-7		003	A	5SP4 480-8		1	1	004	1.032			
	100		A	5SP4 491-7		003	C	5SP4 491-8		1	1	004	1.032			
	125		A	5SP4 492-7		003		--		1	1		1.032			

¹⁾ 1 MW (modular width) = 18 mm.

* You can order this quantity or a multiple thereof.



BETA Protecting

Miniature Circuit Breakers

5SY and 5SP miniature circuit breakers
10 000 A, universal current, 5SP5, 5SY5

10 000 3	I_n	Mounting width MW ¹⁾	DT	Characteristic B		PG	DT	Characteristic C		PU	PS*/ P. unit	PG	Weight per PU approx kg
				Order No.	Price per PU			Order No.	Price per PU				
	A									Unit(s)	Unit(s)		
MCBs 10 000 A, universal current													
	1P, 230/400 V AC, 220 V DC												
	0.3	1	--				C	5SY5 114-7		1	1	003	0.165
	0.5		--				B	5SY5 105-7		1	1	003	0.165
	1		--				A	5SY5 101-7		1	1	003	0.147
	1.6		--				A	5SY5 115-7		1	1	003	0.165
	2			5SY5 102-6		002	A	5SY5 102-7		1	1	003	0.165
	3			--			A	5SY5 103-7		1	1	003	0.165
	4			5SY5 104-6		002	A	5SY5 104-7		1	1	003	0.165
	6		A	5SY5 106-6		002	▶	5SY5 106-7		1	1	003	0.165
	8			--			A	5SY5 108-7		1	1	003	0.165
	10		A	5SY5 110-6		002	▶	5SY5 110-7		1	1	003	0.165
	13		C	5SY5 113-6		002	B	5SY5 113-7		1	1	003	0.165
	16		A	5SY5 116-6		002	A	5SY5 116-7		1	1	003	0.165
	20		C	5SY5 120-6		002	A	5SY5 120-7		1	1	003	0.165
	25		C	5SY5 125-6		002	B	5SY5 125-7		1	1	003	0.165
	32		C	5SY5 132-6		002	B	5SY5 132-7		1	1	003	0.165
	40		C	5SY5 140-6		002	C	5SY5 140-7		1	1	003	0.165
	50		C	5SY5 150-6		002	C	5SY5 150-7		1	1	003	0.165
	63		C	5SY5 163-6		002	C	5SY5 163-7		1	1	003	0.165
	1P, 230/400 V AC, 220 V DC												
	80	1.5	--				B	5SP5 180-7		1	1	003	0.258
	100		--				B	5SP5 191-7		1	1	003	0.258
	125		--				B	5SP5 192-7		1	1	003	0.258
	2P, 400 V AC, 440 V DC												
	0.3	2	--				C	5SY5 214-7		1	1	003	0.330
	0.5		--				B	5SY5 205-7		1	1	003	0.330
	1		--				A	5SY5 201-7		1	1	003	0.330
	1.6		--				B	5SY5 215-7		1	1	003	0.330
	2			▶			▶	5SY5 202-7		1	1	003	0.330
	3			▶			▶	5SY5 203-7		1	1	003	0.330
	4			--			A	5SY5 204-7		1	1	003	0.330
	6		A	5SY5 206-6		002	▶	5SY5 206-7		1	1/6	003	0.330
	8			--			B	5SY5 208-7		1	1	003	0.330
	10		A	5SY5 210-6		002	▶	5SY5 210-7		1	1	003	0.330
	13		C	5SY5 213-6		002	B	5SY5 213-7		1	1	003	0.330
	16		A	5SY5 216-6		002	▶	5SY5 216-7		1	1	003	0.330
	20		A	5SY5 220-6		002	A	5SY5 220-7		1	1	003	0.330
	25		C	5SY5 225-6		002	A	5SY5 225-7		1	1	003	0.330
	32		B	5SY5 232-6		002	B	5SY5 232-7		1	1	003	0.330
	40		C	5SY5 240-6		002	B	5SY5 240-7		1	1	003	0.330
	50		C	5SY5 250-6		002	A	5SY5 250-7		1	1	003	0.330
	63		C	5SY5 263-6		002	A	5SY5 263-7		1	1	003	0.330
	2P, 400 V AC, 440 V DC												
	80	3	--				B	5SP5 280-7		1	1	003	0.516
	100		--				B	5SP5 291-7		1	1	003	0.516
	125		--				B	5SP5 292-7		1	1	003	0.516

For application examples, see page 1/83.

¹⁾ 1 MW (modular width) = 18 mm.



BETA Protecting Miniature Circuit Breakers

5SY and 5SP miniature circuit breakers
10 000 A, universal current, 5SP5, 5SY5

10 000 3	I_n	Moun- ting width	DT	Characteristic B		PG	DT	Characteristic C		PU	PS*/ P. unit	PG	Weight per PU approx
	A	MW ¹⁾		Order No.	Price per PU			Order No.	Price per PU	Unit(s)	Unit(s)		kg
	MCBs 10 000 A, universal current												
	4P, 400 V AC, 880 V DC												
	0.3	1	--				C	5SY5 414-7	224,—	1	1	003	0.660
	0.5		--				C	5SY5 405-7	224,—	1	1	003	0.660
	1		--				C	5SY5 401-7	224,—	1	1	003	0.660
	1.6		--				C	5SY5 415-7	224,—	1	1	003	0.660
	2						C	5SY5 402-7	224,—	1	1	003	0.660
	3		--				C	5SY5 403-7	224,—	1	1	003	0.660
	4						C	5SY5 404-7	224,—	1	1	003	0.660
	6		C	5SY5 406-6	149,—	002	C	5SY5 406-7	224,—	1	1	003	0.660
	8		--				C	5SY5 408-7	224,—	1	1	003	0.660
	10		C	5SY5 410-6	138,—	002	C	5SY5 410-7	198,—	1	1	003	0.660
	13		C	5SY5 413-6	138,—	002	C	5SY5 413-7	198,—	1	1	003	0.660
	16		C	5SY5 416-6	133,—	002	C	5SY5 416-7	198,—	1	1	003	0.660
	20		C	5SY5 420-6	149,—	002	C	5SY5 420-7	198,—	1	1	003	0.660
	25		C	5SY5 425-6	152,—	002	C	5SY5 425-7	221,—	1	1	003	0.660
	32		C	5SY5 432-6	163,—	002	C	5SY5 432-7	224,—	1	1	003	0.660
	40		C	5SY5 440-6	190,—	002	C	5SY5 440-7	259,—	1	1	003	0.660
50		C	5SY5 450-6	221,—	002	C	5SY5 450-7	299,—	1	1	003	0.660	
63		C	5SY5 463-6	253,—	002	C	5SY5 463-7	349,—	1	1	003	0.660	

For application examples, see page 1/83.

¹⁾ 1 MW (modular width) = 18 mm.

BETA Protecting Miniature Circuit Breakers

5SY and 5SP miniature circuit breakers
15 000 A, 5SY7

15 000 3	I_n	Mounting width	DT	Characteristic B Order No.	Price per PU	PU	PS*/ P. unit	PG	Weight per PU approx
	A	MW ¹⁾				Unit(s)	Unit(s)		kg
	MCBs 15 000 A								
	1P, 230/400 V AC								
	6	1	►	5SY7 106-6		1	1	002	0.165
	10		►	5SY7 110-6		1	1	002	0.165
	13		C	5SY7 113-6		1	1	002	0.165
	16		►	5SY7 116-6		1	1	002	0.165
	20		B	5SY7 120-6		1	1	002	0.165
	25		B	5SY7 125-6		1	1	002	0.165
	32		B	5SY7 132-6		1	1	002	0.165
	40		C	5SY7 140-6		1	1	002	0.165
	50		C	5SY7 150-6		1	1	002	0.165
	63		C	5SY7 163-6		1	1	002	0.165
	1P+N, 230 V AC								
	6	2	C	5SY7 506-6		1	1	002	0.330
	10		C	5SY7 510-6		1	1	002	0.330
	13		C	5SY7 513-6		1	1	002	0.330
	16		C	5SY7 516-6		1	1	002	0.330
	20		C	5SY7 520-6		1	1	002	0.330
	25		C	5SY7 525-6		1	1	002	0.330
	32		C	5SY7 532-6		1	1	002	0.330
	40		C	5SY7 540-6		1	1	002	0.330
	50		C	5SY7 550-6		1	1	002	0.330
	63		C	5SY7 563-6		1	1	002	0.330
	2P, 400 V AC								
	6	2	B	5SY7 206-6		1	1	002	0.330
	10		B	5SY7 210-6		1	1	002	0.330
	13		C	5SY7 213-6		1	1	002	0.330
	16		B	5SY7 216-6		1	1	002	0.330
	20		B	5SY7 220-6		1	1	002	0.330
	25		B	5SY7 225-6		1	1	002	0.330
	32		C	5SY7 232-6		1	1	002	0.330
	40		C	5SY7 240-6		1	1	002	0.330
	50		C	5SY7 250-6		1	1	002	0.330
	63		C	5SY7 263-6		1	1	002	0.330
	3P, 400 V AC								
	6	3	B	5SY7 306-6		1	1	002	0.495
	10		B	5SY7 310-6		1	1	002	0.495
	13		C	5SY7 313-6		1	1	002	0.495
	16		A	5SY7 316-6		1	1	002	0.495
	20		B	5SY7 320-6		1	1	002	0.495
	25		B	5SY7 325-6		1	1	002	0.495
	32		B	5SY7 332-6		1	1	002	0.495
	40		B	5SY7 340-6		1	1	002	0.495
	50		B	5SY7 350-6		1	1	002	0.495
	63		C	5SY7 363-6		1	1	002	0.495
	3P+N, 400 V AC								
	6	4	C	5SY7 606-6		1	1	002	0.660
	10		C	5SY7 610-6		1	1	002	0.660
	13		C	5SY7 613-6		1	1	002	0.660
	16		C	5SY7 616-6		1	1	002	0.660
	20		C	5SY7 620-6		1	1	002	0.660
	25		C	5SY7 625-6		1	1	002	0.660
	32		C	5SY7 632-6		1	1	002	0.660
	40		C	5SY7 640-6		1	1	002	0.660
	50		C	5SY7 650-6		1	1	002	0.660
	63		C	5SY7 663-6		1	1	002	0.660
	4P, 400 V AC								
	6	4	C	5SY7 406-6		1	1	002	0.660
	10		B	5SY7 410-6		1	1	002	0.660
	13		C	5SY7 413-6		1	1	002	0.660
	16		B	5SY7 416-6		1	1	002	0.660
	20		B	5SY7 420-6		1	1	002	0.660
	25		C	5SY7 425-6		1	1	002	0.660
	32		C	5SY7 432-6		1	1	002	0.660
	40		C	5SY7 440-6		1	1	002	0.660
	50		C	5SY7 450-6		1	1	002	0.660
	63		C	5SY7 463-6		1	1	002	0.660

¹⁾ 1 MW (modular width) = 18 mm.

5SY and 5SP miniature circuit breakers 15 000 A, 5SY7

15 000 3		I_n	Moun- ting width MW ¹⁾	DT	Characteristic C			PG	DT	Characteristic D			Price per PU	PU	PS*/ P. unit	PG	Weight per PU approx kg
					Order No.	Price per PU				Order No.	Price per PU						
MCBs 15 000 A																	
	1P, 230/400 V AC																
	0.3	1	B	5SY7 114-7			003	C	5SY7 114-8			1	1	004	0.165		
	0.5		B	5SY7 105-7			003	C	5SY7 105-8			1	1	004	0.165		
	1		A	5SY7 101-7			003	C	5SY7 101-8			1	1	004	0.165		
	1.6		B	5SY7 115-7			003	C	5SY7 115-8			1	1	004	0.165		
	2		►	5SY7 102-7			003	C	5SY7 102-8			1	1	004	0.165		
	3		A	5SY7 103-7			003	C	5SY7 103-8			1	1	004	0.165		
	4		A	5SY7 104-7			003	B	5SY7 104-8			1	1	004	0.165		
	6		►	5SY7 106-7			003	B	5SY7 106-8			1	1	004	0.165		
	8		B	5SY7 108-7			003	C	5SY7 108-8			1	1	004	0.165		
	10		►	5SY7 110-7			003	B	5SY7 110-8			1	1	004	0.165		
	13		B	5SY7 113-7			003	C	5SY7 113-8			1	1	004	0.165		
	16		►	5SY7 116-7			003	B	5SY7 116-8			1	1	004	0.165		
	20		A	5SY7 120-7			003	C	5SY7 120-8			1	1	004	0.165		
	25		B	5SY7 125-7			003	C	5SY7 125-8			1	1	004	0.165		
	32		B	5SY7 132-7			003	C	5SY7 132-8			1	1	004	0.165		
	40		B	5SY7 140-7			003	C	5SY7 140-8			1	1	004	0.165		
	50		C	5SY7 150-7			003	C	5SY7 150-8			1	1	004	0.165		
63		B	5SY7 163-7			003	C	5SY7 163-8			1	1	004	0.165			
	1P+N, 230 V AC																
	0.3	2	C	5SY7 514-7			003	C	5SY7 514-8			1	1	004	0.330		
	0.5		C	5SY7 505-7			003	C	5SY7 505-8			1	1	004	0.330		
	1		B	5SY7 501-7			003	C	5SY7 501-8			1	1	004	0.330		
	1.6		C	5SY7 515-7			003	C	5SY7 515-8			1	1	004	0.330		
	2		B	5SY7 502-7			003	C	5SY7 502-8			1	1	004	0.330		
	3		B	5SY7 503-7			003	C	5SY7 503-8			1	1	004	0.330		
	4		B	5SY7 504-7			003	B	5SY7 504-8			1	1	004	0.330		
	6		A	5SY7 506-7			003	C	5SY7 506-8			1	1	004	0.330		
	8		C	5SY7 508-7			003	C	5SY7 508-8			1	1	004	0.330		
	10		A	5SY7 510-7			003	C	5SY7 510-8			1	1	004	0.330		
	13		B	5SY7 513-7			003	C	5SY7 513-8			1	1	004	0.330		
	16		A	5SY7 516-7			003	B	5SY7 516-8			1	1	004	0.330		
	20		B	5SY7 520-7			003	C	5SY7 520-8			1	1	004	0.330		
	25		B	5SY7 525-7			003	C	5SY7 525-8			1	1	004	0.330		
	32		B	5SY7 532-7			003	C	5SY7 532-8			1	1	004	0.330		
	40		C	5SY7 540-7			003	C	5SY7 540-8			1	1	004	0.330		
	50		C	5SY7 550-7			003	C	5SY7 550-8			1	1	004	0.330		
63		C	5SY7 563-7			003	C	5SY7 563-8			1	1	004	0.330			
	2P, 400 V AC																
	0.3	2	C	5SY7 214-7			003	C	5SY7 214-8			1	1	004	0.330		
	0.5		B	5SY7 205-7			003	C	5SY7 205-8			1	1	004	0.330		
	1		A	5SY7 201-7			003	B	5SY7 201-8			1	1	004	0.330		
	1.6		C	5SY7 215-7			003	C	5SY7 215-8			1	1	004	0.330		
	2		A	5SY7 202-7			003	A	5SY7 202-8			1	1	004	0.330		
	3		A	5SY7 203-7			003	B	5SY7 203-8			1	1	004	0.330		
	4		A	5SY7 204-7			003	A	5SY7 204-8			1	1	004	0.330		
	6		►	5SY7 206-7			003	A	5SY7 206-8			1	1	004	0.330		
	8		B	5SY7 208-7			003	B	5SY7 208-8			1	1	004	0.330		
	10		►	5SY7 210-7			003	A	5SY7 210-8			1	1	004	0.330		
	13		B	5SY7 213-7			003	C	5SY7 213-8			1	1	004	0.330		
	16		►	5SY7 216-7			003	A	5SY7 216-8			1	1	004	0.330		
	20		A	5SY7 220-7			003	B	5SY7 220-8			1	1	004	0.330		
	25		A	5SY7 225-7			003	B	5SY7 225-8			1	1	004	0.330		
	32		A	5SY7 232-7			003	C	5SY7 232-8			1	1	004	0.330		
	40		A	5SY7 240-7			003	C	5SY7 240-8			1	1	004	0.330		
	50		B	5SY7 250-7			003	C	5SY7 250-8			1	1	004	0.330		
63		B	5SY7 263-7			003	C	5SY7 263-8			1	1	004	0.330			

¹⁾ 1 MW (modular width) = 18 mm.



BETA Protecting Miniature Circuit Breakers

5SY and 5SP miniature circuit breakers
15 000 A, 5SY7

15 000 3		I_n	Moun- ting width MW ¹⁾	DT	Characteristic C			PG	DT	Characteristic D			PU	PS*/ P. unit	PG	Weight per PU approx kg
					Order No.	Price per PU				Order No.	Price per PU					
A																
Unit(s)																
Unit(s)																
kg																
	MCBs 15 000 A															
	3P, 400 V AC															
	0.3	3	C	5SY7 314-7			003	C	5SY7 314-8			1	1	004	0.495	
	0.5		C	5SY7 305-7			003	C	5SY7 305-8			1	1	004	0.495	
	1		C	5SY7 301-7			003	C	5SY7 301-8			1	1	004	0.495	
	1.6		C	5SY7 315-7			003	C	5SY7 315-8			1	1	004	0.495	
	2		B	5SY7 302-7			003	C	5SY7 302-8			1	1	004	0.495	
	3		C	5SY7 303-7			003	C	5SY7 303-8			1	1	004	0.495	
	4		A	5SY7 304-7			003	C	5SY7 304-8			1	1	004	0.495	
	6		A	5SY7 306-7			003	C	5SY7 306-8			1	1	004	0.495	
	8		C	5SY7 308-7			003	B	5SY7 308-8			1	1	004	0.495	
	10		A	5SY7 310-7			003	B	5SY7 310-8			1	1	004	0.495	
	13		B	5SY7 313-7			003	C	5SY7 313-8			1	1	004	0.495	
	16		►	5SY7 316-7			003	A	5SY7 316-8			1	1	004	0.495	
	20		►	5SY7 320-7			003	B	5SY7 320-8			1	1	004	0.495	
	25		►	5SY7 325-7			003	A	5SY7 325-8			1	1	004	0.495	
	32		►	5SY7 332-7			003	B	5SY7 332-8			1	1	004	0.495	
	40		►	5SY7 340-7			003	B	5SY7 340-8			1	1	004	0.495	
50		►	5SY7 350-7			003	B	5SY7 350-8			1	1	004	0.495		
63		►	5SY7 363-7			003	B	5SY7 363-8			1	1	004	0.495		
	3P+N, 400 V AC															
	0.3	4	C	5SY7 614-7			003	C	5SY7 614-8			1	1	004	0.660	
	0.5		C	5SY7 605-7			003	C	5SY7 605-8			1	1	004	0.660	
	1		C	5SY7 601-7			003	C	5SY7 601-8			1	1	004	0.660	
	1.6		C	5SY7 615-7			003	C	5SY7 615-8			1	1	004	0.660	
	2		C	5SY7 602-7			003	C	5SY7 602-8			1	1	004	0.660	
	3		C	5SY7 603-7			003	C	5SY7 603-8			1	1	004	0.660	
	4		C	5SY7 604-7			003	C	5SY7 604-8			1	1	004	0.660	
	6		C	5SY7 606-7			003	C	5SY7 606-8			1	1	004	0.660	
	8		C	5SY7 608-7			003	C	5SY7 608-8			1	1	004	0.660	
	10		B	5SY7 610-7			003	C	5SY7 610-8			1	1	004	0.660	
	13		C	5SY7 613-7			003	C	5SY7 613-8			1	1	004	0.660	
	16		A	5SY7 616-7			003	C	5SY7 616-8			1	1	004	0.660	
	20		B	5SY7 620-7			003	C	5SY7 620-8			1	1	004	0.660	
	25		B	5SY7 625-7			003	C	5SY7 625-8			1	1	004	0.660	
	32		B	5SY7 632-7			003	C	5SY7 632-8			1	1	004	0.660	
	40		B	5SY7 640-7			003	C	5SY7 640-8			1	1	004	0.660	
	50		B	5SY7 650-7			003	C	5SY7 650-8			1	1	004	0.660	
63		B	5SY7 663-7			003	C	5SY7 663-8			1	1	004	0.660		
	4P, 400 V AC															
	0.3	4	C	5SY7 414-7			003	C	5SY7 414-8			1	1	004	0.660	
	0.5		C	5SY7 405-7			003	C	5SY7 405-8			1	1	004	0.660	
	1		C	5SY7 401-7			003	C	5SY7 401-8			1	1	004	0.660	
	1.6		C	5SY7 415-7			003	C	5SY7 415-8			1	1	004	0.660	
	2		C	5SY7 402-7			003	C	5SY7 402-8			1	1	004	0.660	
	3		C	5SY7 403-7			003	C	5SY7 403-8			1	1	004	0.660	
	4		B	5SY7 404-7			003	C	5SY7 404-8			1	1	004	0.660	
	6		B	5SY7 406-7			003	C	5SY7 406-8			1	1	004	0.660	
	8		C	5SY7 408-7			003	C	5SY7 408-8			1	1	004	0.660	
	10		►	5SY7 410-7			003	B	5SY7 410-8			1	1	004	0.660	
	13		C	5SY7 413-7			003	C	5SY7 413-8			1	1	004	0.660	
	16		►	5SY7 416-7			003	B	5SY7 416-8			1	1	004	0.660	
	20		A	5SY7 420-7			003	B	5SY7 420-8			1	1	004	0.660	
	25		►	5SY7 425-7			003	B	5SY7 425-8			1	1	004	0.660	
	32		►	5SY7 432-7			003	B	5SY7 432-8			1	1	004	0.660	
	40		A	5SY7 440-7			003	B	5SY7 440-8			1	1	004	0.660	
	50		A	5SY7 450-7			003	B	5SY7 450-8			1	1	004	0.660	
63		►	5SY7 463-7			003	B	5SY7 463-8			1	1	004	0.660		

¹⁾ 1 MW (modular width) = 18 mm.

BETA Protecting Miniature Circuit Breakers

5SY and 5SP miniature circuit breakers
25 kA, 5SY8

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	I_n	Moun- ting width	DT	Characteristic C	Price per PU	PG	DT	Characteristic D	Price per PU	PU	PS*/ P. unit	PG	Weight per PU approx
	A	MW ¹⁾		Order No.				Order No.		Unit(s)	Unit(s)		kg
	MCBs 25 kA												
	1P, 230/400 V AC												
	0.3	1	C	5SY8 114-7		003	C	5SY8 114-8		1	1	004	0.165
	0.5		C	5SY8 105-7		003	C	5SY8 105-8		1	1	004	0.165
	1		B	5SY8 101-7		003	C	5SY8 101-8		1	1	004	0.165
	1.6		C	5SY8 115-7		003	C	5SY8 115-8		1	1	004	0.165
	2		A	5SY8 102-7		003	B	5SY8 102-8		1	1	004	0.165
	3		C	5SY8 103-7		003	C	5SY8 103-8		1	1	004	0.165
	4		B	5SY8 104-7		003	C	5SY8 104-8		1	1	004	0.165
	6		A	5SY8 106-7		003	C	5SY8 106-8		1	1	004	0.165
	8		C	5SY8 108-7		003	C	5SY8 108-8		1	1	004	0.165
	10		A	5SY8 110-7		003	C	5SY8 110-8		1	1	004	0.165
	13		C	5SY8 113-7		003	C	5SY8 113-8		1	1	004	0.165
	16		A	5SY8 116-7		003	C	5SY8 116-8		1	1	004	0.165
	20		A	5SY8 120-7		003	C	5SY8 120-8		1	1	004	0.165
	25		C	5SY8 125-7		003	C	5SY8 125-8		1	1	004	0.165
	32		B	5SY8 132-7		003	C	5SY8 132-8		1	1	004	0.165
	40		C	5SY8 140-7		003	C	5SY8 140-8		1	1	004	0.165
	50		C	5SY8 150-7		003	C	5SY8 150-8		1	1	004	0.165
	63		C	5SY8 163-7		003	C	5SY8 163-8		1	1	004	0.165
	1P+N, 230 V AC												
	0.3	2	C	5SY8 514-7		003	C	5SY8 514-8		1	1	004	0.330
	0.5		C	5SY8 505-7		003	C	5SY8 505-8		1	1	004	0.330
	1		C	5SY8 501-7		003	C	5SY8 501-8		1	1	004	0.330
	1.6		C	5SY8 515-7		003	C	5SY8 515-8		1	1	004	0.330
	2		C	5SY8 502-7		003	C	5SY8 502-8		1	1	004	0.330
	3		C	5SY8 503-7		003	C	5SY8 503-8		1	1	004	0.330
	4		C	5SY8 504-7		003	C	5SY8 504-8		1	1	004	0.330
	6		B	5SY8 506-7		003	C	5SY8 506-8		1	1	004	0.330
	8		C	5SY8 508-7		003	C	5SY8 508-8		1	1	004	0.330
	10		B	5SY8 510-7		003	C	5SY8 510-8		1	1	004	0.330
	13		C	5SY8 513-7		003	C	5SY8 513-8		1	1	004	0.330
	16		B	5SY8 516-7		003	C	5SY8 516-8		1	1	004	0.330
	20		C	5SY8 520-7		003	C	5SY8 520-8		1	1	004	0.330
	25		C	5SY8 525-7		003	C	5SY8 525-8		1	1	004	0.330
	32		B	5SY8 532-7		003	C	5SY8 532-8		1	1	004	0.330
	40		C	5SY8 540-7		003	B	5SY8 540-8		1	1	004	0.330
	50		B	5SY8 550-7		003	B	5SY8 550-8		1	1	004	0.330
	63		B	5SY8 563-7		003	B	5SY8 563-8		1	1	004	0.330
	2P, 400 V AC												
	0.3	2	C	5SY8 214-7		003	C	5SY8 214-8		1	1	004	0.330
	0.5		C	5SY8 205-7		003	C	5SY8 205-8		1	1	004	0.330
	1		B	5SY8 201-7		003	C	5SY8 201-8		1	1	004	0.330
	1.6		C	5SY8 215-7		003	C	5SY8 215-8		1	1	004	0.330
	2		B	5SY8 202-7		003	B	5SY8 202-8		1	1	004	0.330
	3		C	5SY8 203-7		003	C	5SY8 203-8		1	1	004	0.330
	4		A	5SY8 204-7		003	C	5SY8 204-8		1	1	004	0.330
	6		A	5SY8 206-7		003	A	5SY8 206-8		1	1	004	0.330
	8		C	5SY8 208-7		003	A	5SY8 208-8		1	1	004	0.330
	10		A	5SY8 210-7		003	B	5SY8 210-8		1	1	004	0.330
	13		C	5SY8 213-7		003	C	5SY8 213-8		1	1	004	0.330
	16		A	5SY8 216-7		003	C	5SY8 216-8		1	1	004	0.330
	20		B	5SY8 220-7		003	C	5SY8 220-8		1	1	004	0.330
	25		B	5SY8 225-7		003	B	5SY8 225-8		1	1	004	0.330
	32		B	5SY8 232-7		003	C	5SY8 232-8		1	1	004	0.330
	40		C	5SY8 240-7		003	C	5SY8 240-8		1	1	004	0.330
	50		C	5SY8 250-7		003	C	5SY8 250-8		1	1	004	0.330
	63		C	5SY8 263-7		003	C	5SY8 263-8		1	1	004	0.330

¹⁾ 1 MW (modular width) = 18 mm.

BETA Protecting Miniature Circuit Breakers

5SY and 5SP miniature circuit breakers
25 kA, 5SY8

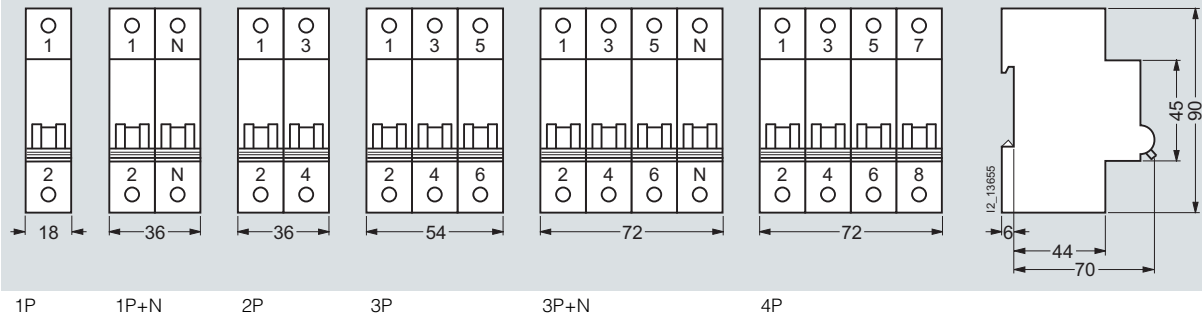
	I_n	Moun- ting width MW ¹⁾	DT	Characteristic C			PG	DT	Characteristic D			PU	PS*/ P. unit	PG	Weight per PU approx kg
	Order No.			Price per PU	Order No.	Price per PU			Unit(s)	Unit(s)	Unit(s)				
	MCBs 25 kA														
	3P, 400 V AC														
	0.3	3	C	5SY8 314-7		003	C	5SY8 314-8		1	1	004	0.495		
	0.5		C	5SY8 305-7		003	C	5SY8 305-8		1	1	004	0.495		
	1		A	5SY8 301-7		003	C	5SY8 301-8		1	1	004	0.495		
	1.6		C	5SY8 315-7		003	C	5SY8 315-8		1	1	004	0.495		
	2		C	5SY8 302-7		003	C	5SY8 302-8		1	1	004	0.495		
	3		C	5SY8 303-7		003	C	5SY8 303-8		1	1	004	0.495		
	4		C	5SY8 304-7		003	C	5SY8 304-8		1	1	004	0.495		
	6		B	5SY8 306-7		003	C	5SY8 306-8		1	1	004	0.495		
	8		C	5SY8 308-7		003	C	5SY8 308-8		1	1	004	0.495		
	10		B	5SY8 310-7		003	C	5SY8 310-8		1	1	004	0.495		
	13		C	5SY8 313-7		003	C	5SY8 313-8		1	1	004	0.495		
	16		A	5SY8 316-7		003	C	5SY8 316-8		1	1	004	0.495		
	20		C	5SY8 320-7		003	C	5SY8 320-8		1	1	004	0.495		
	25		A	5SY8 325-7		003	B	5SY8 325-8		1	1	004	0.495		
	32		A	5SY8 332-7		003	B	5SY8 332-8		1	1	004	0.495		
	40		B	5SY8 340-7		003	C	5SY8 340-8		1	1	004	0.495		
50		B	5SY8 350-7		003	B	5SY8 350-8		1	1	004	0.495			
63		B	5SY8 363-7		003	C	5SY8 363-8		1	1	004	0.495			
	3P+N, 400 V AC														
	0.3	4	C	5SY8 614-7		003	C	5SY8 614-8		1	1	004	0.660		
	0.5		C	5SY8 605-7		003	C	5SY8 605-8		1	1	004	0.660		
	1		C	5SY8 601-7		003	C	5SY8 601-8		1	1	004	0.660		
	1.6		C	5SY8 615-7		003	C	5SY8 615-8		1	1	004	0.660		
	2		C	5SY8 602-7		003	C	5SY8 602-8		1	1	004	0.660		
	3		C	5SY8 603-7		003	C	5SY8 603-8		1	1	004	0.660		
	4		C	5SY8 604-7		003	C	5SY8 604-8		1	1	004	0.660		
	6		C	5SY8 606-7		003	C	5SY8 606-8		1	1	004	0.660		
	8		C	5SY8 608-7		003	C	5SY8 608-8		1	1	004	0.660		
	10		C	5SY8 610-7		003	C	5SY8 610-8		1	1	004	0.660		
	13		C	5SY8 613-7		003	C	5SY8 613-8		1	1	004	0.660		
	16		B	5SY8 616-7		003	C	5SY8 616-8		1	1	004	0.660		
	20		C	5SY8 620-7		003	C	5SY8 620-8		1	1	004	0.660		
	25		C	5SY8 625-7		003	C	5SY8 625-8		1	1	004	0.660		
	32		B	5SY8 632-7		003	C	5SY8 632-8		1	1	004	0.660		
	40		C	5SY8 640-7		003	C	5SY8 640-8		1	1	004	0.660		
	50		C	5SY8 650-7		003	C	5SY8 650-8		1	1	004	0.660		
63		A	5SY8 663-7		003	C	5SY8 663-8		1	1	004	0.660			
	4P, 400 V AC														
	0.3	4	C	5SY8 414-7		003	C	5SY8 414-8		1	1	004	0.660		
	0.5		C	5SY8 405-7		003	C	5SY8 405-8		1	1	004	0.660		
	1		C	5SY8 401-7		003	C	5SY8 401-8		1	1	004	0.660		
	1.6		C	5SY8 415-7		003	C	5SY8 415-8		1	1	004	0.660		
	2		C	5SY8 402-7		003	C	5SY8 402-8		1	1	004	0.660		
	3		C	5SY8 403-7		003	C	5SY8 403-8		1	1	004	0.660		
	4		C	5SY8 404-7		003	C	5SY8 404-8		1	1	004	0.660		
	6		C	5SY8 406-7		003	C	5SY8 406-8		1	1	004	0.660		
	8		C	5SY8 408-7		003	C	5SY8 408-8		1	1	004	0.660		
	10		B	5SY8 410-7		003	C	5SY8 410-8		1	1	004	0.660		
	13		C	5SY8 413-7		003	C	5SY8 413-8		1	1	004	0.660		
	16		A	5SY8 416-7		003	C	5SY8 416-8		1	1	004	0.660		
	20		A	5SY8 420-7		003	C	5SY8 420-8		1	1	004	0.660		
	25		A	5SY8 425-7		003	C	5SY8 425-8		1	1	004	0.660		
	32		A	5SY8 432-7		003	C	5SY8 432-8		1	1	004	0.660		
	40		A	5SY8 440-7		003	C	5SY8 440-8		1	1	004	0.660		
	50		A	5SY8 450-7		003	C	5SY8 450-8		1	1	004	0.660		
63		A	5SY8 463-7		003	C	5SY8 463-8		1	1	004	0.660			

¹⁾ 1 MW (modular width) = 18 mm.

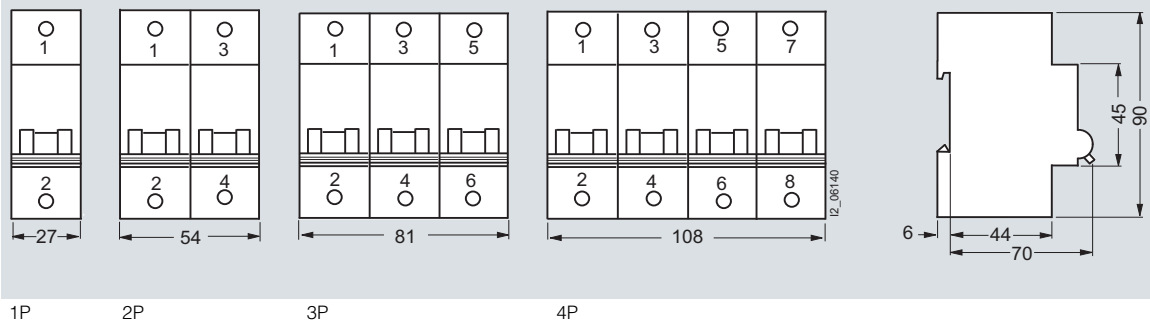
5SY and 5SP miniature circuit breakers

Dimensional drawings

5SY



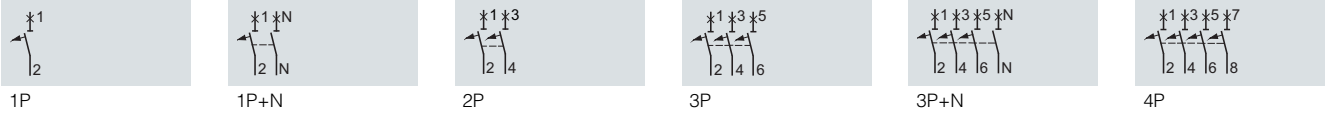
5SP



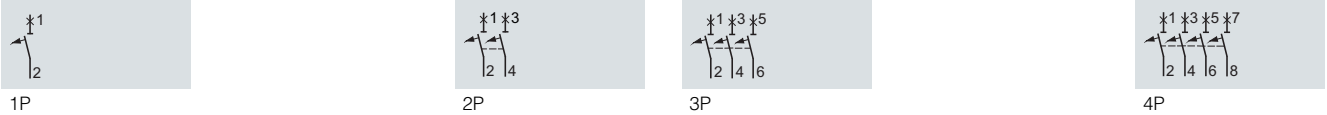
Schematics

Symbols

5SY6, 5SY4, 5SY7, 5SY8



5SP4



5SY5, 5SP5

